

Docket No. 217 – Development and Management Plan Inspection

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

Date: September 13, 2006

Inspector: Diana Walden

Location: 345kV Underground Route

Storm/

Rain Event: Rainfall reporting by NOAA appears to have been interrupted and incomplete since the last inspection.

Areas of Inspection	Observation	Recommended Action	Corrective Action
Vault Openings and Trench Construction	<ul style="list-style-type: none"> - Most work areas along Rt. 7 have been restored but a few bare areas remain or have not re-vegetated as well as expected. This includes in front of the tennis courts at Wilton High 8/24-9/13/06 -A number of vaults continue to be accessed along portions of the route for internal work 9/13/06 - Active work continues at the Rt 7/107 intersection. Catch basins in the area do not have controls and there is adjacent disturbed soil. 8/24-9/13/06 - Portions of the areas were restored. 9/13/06 	<ul style="list-style-type: none"> - Continue providing good "house- keeping" along the roadways. Full restoration will be required when work is completed. 2/2-9/13/06 - Topsoil, seed and mulch will be needed here. - Include these areas as part of the restoration efforts when access is complete. 4/12-9/13/06 -See erosion control section. 8/16-9/13/06 	<ul style="list-style-type: none"> -Needs attention (near Wilton HS tennis courts) -N/A - Some areas were restored but needs further attention.
Erosion and Sediment (E&S) Controls	<ul style="list-style-type: none"> - Grass growth appears to have slowed at the high school J&B due to the weather 7/26-9/13/06 - Several areas along Rt 7 including Allens Meadow have good grass cover returning. 9/13/06 	<ul style="list-style-type: none"> - Continue to monitor as grass is patchy but seems stable for the most part. 7/26-9/13/06 - Areas are well stabilized. 9/13/06 	<ul style="list-style-type: none"> - N/A - Areas mostly stabilized

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Erosion and Sediment (E&S) Controls Route 7	<ul style="list-style-type: none"> - At the School Rd. HDD, areas along the perimeter wetlands remain in good shape. Vegetative cover continues to slowly increase in the mulched area to the east. 8/24-9/13/06 - A large bare soil area remains near the Wilton HS tennis courts. Previous attempts had been made to restore the area but were unsuccessful. 8/30-9/13/06 - Controls at Old Danbury Rd. are in good shape and some grass growth was noted. Vault access was also occurring. 9/13/06 - The vault area at Wilton Corp Park was temporarily restored but access created new tracks in the soil. 8/30-9/13/06 	<ul style="list-style-type: none"> - Continue to monitor for final stabilization. 8/17-9/13/06 - Loam, seed and mulch this area. Also, evaluate the grading since water is ponding up here. 8/30-9/13/06 -Continue to monitor for final stabilization. 9/13/06 Also consider removing accumulated sediment in the swale. 7/12-9/13/06 -Restore as necessary and monitor for final stabilization. 8/30-9/13/06 	<ul style="list-style-type: none"> -N/A - Needs attention when feasible. -N/A -Needs attention when feasible
Rt. 107	<ul style="list-style-type: none"> - Restored areas at the storage area near #848 (Rt.7) were beginning to show grass growth. 9/13/06 - Catch basins near the Rt. 107 & 7 intersection do not have filters/ controls in place. Some disturbed soil is present. The area has been disturbed for several months prior to work returning here 7/12-9/13/06 - At the Georgetown Deli J&B, vegetative growth continues at all of the restored areas and the boulders are holding up well. 9/13/06 - At the Georgetown HDD site (Gilbert & Bennett lot), 	<ul style="list-style-type: none"> -Area appears to be stabilized and grass will continue to grow. 9/13/06 - Install controls in the catch basins and restore the island when access is complete. 4/6-9/7/06 - Portions of the island are restored with seed and mulch. 9/13/06 -Very good vegetative growth is noted in all restored locations. Banks appear stable. 9/13/06 - Seeding and mulching 	<ul style="list-style-type: none"> -N/A - Needs attention Portions were restored. -Banks appear stable

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Erosion and Sediment (E&S) Controls continued	<p>the slope where the trenching had occurred was graded but did not appear to have been seeded yet. Good controls are in place. 8/9-9/13/06</p> <p>-A recently restored (loamed and seeded) area along Rt 7, north of the Deli was disturbed by additional utility work and tracking was noted to the street. 8/30-9/13/06</p>	<p>needs to occur. 8/9-9/13/06</p> <p>Silt fence is now in place at the base of slope near the parking lot. 8/30-9/13/06</p> <p>- Restore the area again or work with the utility company to fix the problem. 8/30-9/13/06</p>	<p>- Needs to be seeded.</p> <p>- Needs attention when feasible</p>
Adjacent Wetlands and Waterways	<p>-Adjacent areas of wetland were restored around the HDD site. Vegetation is slowly returning. 9/13/06</p> <p>-Wetland species are increasing in and adjacent to the swale. 9/13/06</p>	<p>-Continue to monitor for vegetative cover and stabilization. 9/13/06</p> <p>-None at this time. 9/13/06</p>	<p>- N/A</p> <p>-N/A</p>
Staging, Storage, and Parking Areas	<p>- Restored areas in the storage yard on the property south of the Rt. 7 & 107 are showing grass growth. 9/13/06</p> <p>- The storage area along Rt 7 across from Old Highway Rd was being graded and demobilized. 8/30-9/13/06</p> <p>- The racquet club storage yard has a pile of sandbags and other equipment stored here. This area is still highly utilized with ruts in the soil surface and an unprotected swale. 9/13/06</p>	<p>- Continue to remove any project related materials and monitor 9/13/06.</p> <p>-Restore, seed and mulch when feasible. 8/30-9/13/06</p> <p>- Install haybales at the culvert within the swale in an attempt to filter run-off. 2/2-9/13/06</p> <p>Restore area when feasible. 9/13/06</p>	<p>-The area was demobilized</p> <p>- Needs attention when feasible</p> <p>- Needs attention</p>
Soils	<p>- Areas along the Rt. 107/7 intersection were backfilled and portions were restored but disturbed soil is still present. 9/13/06</p> <p>- Topsoil is stockpiled and stabilized at the contractor trailer yard off Rt 7.</p>	<p>- Continue to make sure any stockpiles are backfilled. No open trench work was noted 2/2-9/13/06</p> <p>- Soils appear to be handled appropriately. 9/13/06</p>	<p>N/A at this time</p> <p>-N/A</p>

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State species of concern, threatened and endangered species	- No species of concern are located in this area of construction.	- N/A	-N/A
Vegetative clearing limits (including trees to save or danger trees noted)	<p>-The restoration efforts (seeding and mulching) in most locations resulted in good grass cover. There is a need to return for final stabilization in some accessed vault areas. 9/13/06</p> <p>- The slope along the Gilbert & Bennett lot where the HDD occurred still needs to be seeded and mulched. 8/9-9/13/06</p> <p>-Bare soil areas remains near the Wilton HS tennis courts. 9/7-9/13/06</p>	<p>-Continue restoration: and monitor areas for suitable growth. 9/13/06.</p> <p>Restore areas that recent access have disturbed again as well. 8/30-9/13/06</p> <p>- Restore and stabilize the slope. 8/9-9/13/06</p> <p>- See erosion control section. 9/7-9/13/06</p>	<p>N/A at this time</p> <p>- Needs attention</p> <p>- Needs attention when feasible.</p>
Dewatering	- No dewatering was noted at this time. 9/13/06	-None at this time. 9/13/06	- N/A
Blasting	- No blasting is occurring on site at this time.	- None at this time.	N/A
Spills and Material Storage	<p>- In general, make sure that glues, asphalt components and other materials are stored well overnight and not left out along the roadway. 9/13/06</p> <p>- Oil delivery was occurring in a few additional locations. All sites had good controls in place. 9/13/06</p>	<p>- The contractors should remain vigilant about securing and handling fuel containers.</p> <p>- Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site. - Check equipment status on a regular basis and keep spill kits on hand.</p> <p>- Report spills immediately, even if they are being controlled.</p>	<p>-N/A</p> <p>- Good proactive controls were used.</p>

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Additional Observations	<ul style="list-style-type: none">- The invasive species Phragmites was noted growing back at the School Rd HDD site. This had been present prior to work here and will be difficult to prevent. 7/12-9/13/06- The landowner at the limousine service (Old HDD exit point) requests were being addressed with him. 7/26-9/13/06	<ul style="list-style-type: none">-Continue to monitor and attempt to keep establishment from occurring in new areas.- The contractor will be speak. 9/13/06	<ul style="list-style-type: none">- Was being addressed.

Next likely scheduled inspection:

Friday, September 22, 2006

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Inspector's Signature: Diana Walden



345kV: Photo on the left shows some grading and demobilization at the storage yard across from Old Highway Rd. Photo on the right shows grass growth starting at the recently stabilized vault area near Old Danbury Rd. 9/13/06



Photo on the left shows the remaining bare area near the Wilton HS tennis courts that will need restoration prior to the end of the growing season. Photo on the right shows the School Rd site where vehicles unrelated to the project had caused tracks in the yard. 9/13/06



Photo on the left shows the wetland area to the east of the HDD continuing to revegetate. Wetland species were noted along this area and adjacent to the swale. Photo on the right shows the storage area near the Rt 107/7 intersection which has demobilized. The disturbed area has been restored.



Photo on the left shows continuing work at the vault at the Rt 107/7 intersection. Portions of the area had been restored but adjacent catch basins still need controls. Photo on the right shows a view of the silt fence installed at the Gilbert & Bennett lot. Seed and mulch are still needed here along the slope. 9/13/06